

PATENT COOPERATION TREATY

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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

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|--|---|--------------------------------|
| Applicant's or agent's file reference SC/jk 030437WO | FOR FURTHER ACTION See Form PCT/IPEA/416 | |
| International application No. PCT/IB2003/002403 | International filing date (day/month/year) 20/06/2003 | Priority date (day/month/year) |
| International Patent Classification (IPC) or national classification and IPC H04Q 7/32, H04M 11/08 | | |
| Applicant Nokia Cooperation et al | | |

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 4 sheets, including this cover sheet.
3. This report is also accompanied by ANNEXES, comprising:
 - a. ☐ (sent to the applicant and to the International Bureau) a total of _____ sheets, as follows:
 - ☐ sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).
 - ☐ sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.
 - b. ☐ (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).

4. This report contains indications relating to the following items:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Box No. I | Basis of the report |
| <input type="checkbox"/> Box No. II | Priority |
| <input type="checkbox"/> Box No. III | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability |
| <input type="checkbox"/> Box No. IV | Lack of unity of invention |
| <input checked="" type="checkbox"/> Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input type="checkbox"/> Box No. VI | Certain documents cited |
| <input type="checkbox"/> Box No. VII | Certain defects in the international application |
| <input type="checkbox"/> Box No. VIII | Certain observations on the international application |

| | |
|---|--|
| Date of submission of the demand 03-06-2004 | Date of completion of this report 19-09-2005 |
| Name and mailing address of the IPEA/SE Patent- och registreringsverket Box 5055 S-102 42 STOCKHOLM Facsimile No. +46 8 667 72 88 | Authorized officer Nabil Sebaa/MN Telephone No. +46 8 782 25 00 |

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/IB2003/002403

Box No. I Basis of the report

1. With regard to the language, this report is based on:

- ☐ the international application in the language in which it was filed
- ☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of:
- ☐ international search (Rules 12.3(a) and 23.1(b))
- ☐ publication of the international application (Rule 12.4(a))
- ☐ international preliminary examination (Rules 55.2(a) and/or 55.3(a))

2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):*

- ☒ the international application as originally filed/furnished
- ☐ the description:
- pages _____ as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☐ the claims:
- pages _____ as originally filed/furnished
- pages* _____ as amended (together with any statement) under Article 19
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☐ the drawings:
- pages _____ as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing *(specify)*: _____
- ☐ any table(s) related to the sequence listing *(specify)*: _____

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing *(specify)*: _____
- ☐ any table(s) related to the sequence listing *(specify)*: _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/IB2003/002403

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

| | | | |
|-------------------------------|--------|-------------|-----|
| Novelty (N) | Claims | _____ | YES |
| | Claims | <u>1-17</u> | NO |
| Inventive step (IS) | Claims | _____ | YES |
| | Claims | <u>1-17</u> | NO |
| Industrial applicability (IA) | Claims | <u>1-17</u> | YES |
| | Claims | _____ | NO |

2. Citations and explanations (Rule 70.7)

The invention concerns a mobile device and a method for perceivably accentuating in the form of e.g. vibration, message elements like smilies of an SMS message (haptic messaging) and deals with current standardisation issues that so far blocks the introduction of haptic messaging in mobile phones from different manufacturers.

The object of the invention is to provide a device and a method for perceivably accentuating message elements of a message without requiring any standardisation of perceivably accentuated messaging.

Cited Document:

D1: US 20020191757A1

D2: WO 0057617A

Document D1 describes a method and related mobile device for perceivably accentuating message elements of an SMS message (see abstract). According to D1 a set of selected messages (message tags) is defined, wherein these message tags are assigned perceivable accentuating signals (sound effects/graphic effects). These tags assigned with perceivable accentuating signals are included in SMS text messages and are searched in the messages and a corresponding sound or graphical effect is generated or produced. In D1 it is also discussed different alternatives on when to produce the different signals assigned to the tags, i.e. at which velocity, such as dependent on the users ability to scroll the message received, and that the messaging used is not restricted to SMS messages and could be an e-mail (see paragraphs [0057]-[0058], and paragraphs [0074]-[0094], and figures 3-5, 7, 8).

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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

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Supplemental Box

In case the space in any of the preceding boxes is not sufficient.
Continuation of: BOX V

Consequently, the claimed invention according to claims 1-17, is considered to lack novelty and inventive step. The invention according to claims 1-17 is industrially applicable.

Document D2 represent the general state of the art and the invention according to claims 1-17 is not disclosed by this document.